(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 13 October 2005 (13.10.2005)

PCT

(10) International Publication Number WO 2005/095109 A1

(51) International Patent Classification⁷: B65H 29/04, B41F 11/02

B41F 21/08,

(21) International Application Number:

PCT/IB2005/000787

(22) International Filing Date: 23 March 2005 (23.03.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(**30**) Priority Data: 04007631.7

30 March 2004 (30.03.2004) EP

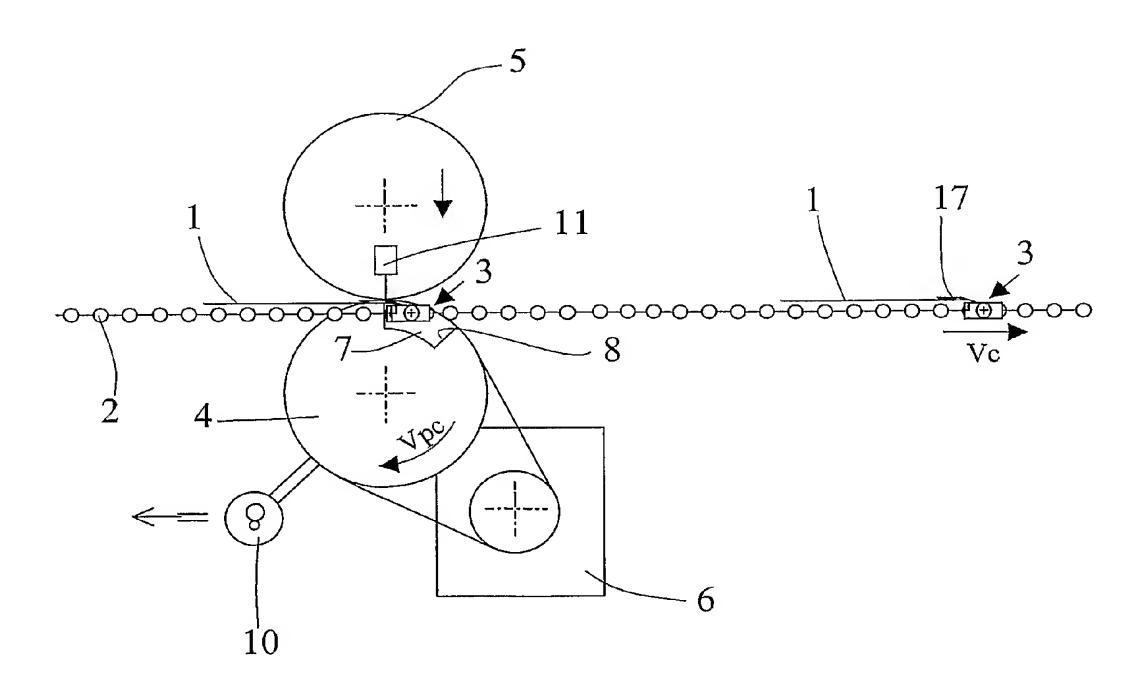
- (71) Applicant (for all designated States except US): KBA-GIORI S.A. [CH/CH]; 4, Rue de la Paix, CH-1003 Lausanne (CH).
- (72) Inventor; and

(75) Inventor/Applicant (for US only): SCHAEDE, Johannes Georg [DE/DE]; Max-Heim-Strasse 8, 97074 WURZBURG (DE).

- (74) Agents: GROSFILLIER, Philippe et al.; C/O BUGNION S.A., Case Postale 375, CH-1211 Genève 12 (CH).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: PRINTING PROCESS AND MACHINE



(57) Abstract: The machine comprises at least a printing cylinder (4), an inking cylinder (5) and a chain gripper transporting system (2,3) with grippers (17). The printing cylinder (4) comprises at least one transversal pit (7) for receiving said chain gripper system (3) such that the inking cylinder (5) inks the planar object (1) while said object (1) is held by said chain gripper system (3).

WO 2005/095109 A1



Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.